

N,N-Dimethylformamide  
68-12-2 | DTXSID6020515

### Model Performance

Model	Data
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#### Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.72	51.8	0.74	50.3	0.73	52.7

## Model Results

**Predicted value:** -50.2 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 5.60e-01

**Confidence level:** 6.56e-01

## Nearest Neighbors from the Training Set

Image not found

N,N-Dimethylformamide

**Measured:** -60.4

**Predicted:** -50.2

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N,N-Dimethylacetamide

**Measured:** -20.0

**Predicted:** -31.7

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Propanamide, N,N-dimethyl-

**Measured:** -45.0

**Predicted:** -42.5

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Acetamide, N-acetyl-N-methyl-

**Measured:** -25.0

**Predicted:** -28.7

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Diethylcarbamoyl chloride

**Measured:** -32.0

**Predicted:** -25.5